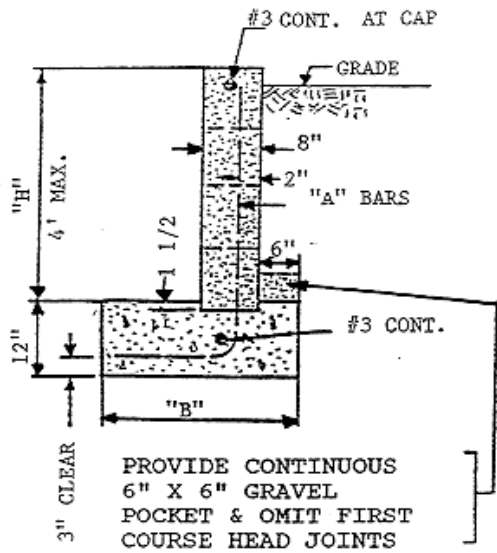


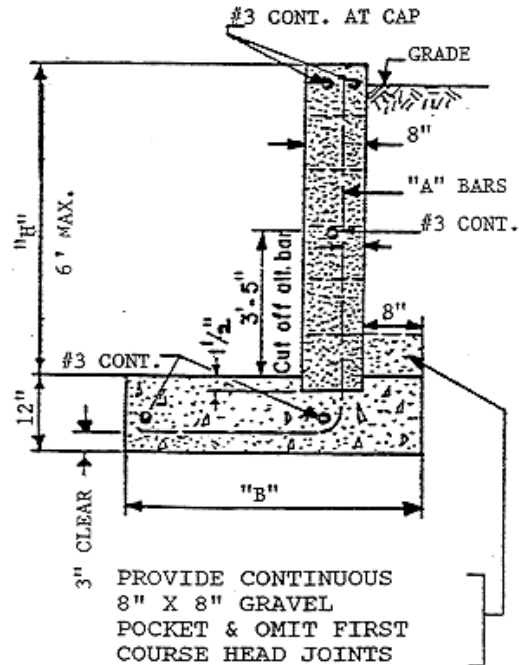
RETAINING WALL



"H"	"B"	"A" BARS
3'0"	1'10"	#3 at 24" o.c.
4'0"	2'4"	#3 at 16" o.c.
5'0"	2'10"	#4 at 16" o.c.
6'0"	3'6"	#4 at 8" o.c.

DESIGN CRITERIA:

LATERAL SOIL PRESSURE = 30 p.s.f.
DESIGN BEARING VALUE=1,000 p.s.f.
WALL DESIGNED FOR ZERO SURCHARGE
CONDITION WITHIN DISTANCE EQUAL TO
HEIGHT OF WALL.



CONSTRUCTION NOTES:

1. CONCRETE TO BE MINIMUM GRADE C.
1:2 1/2: 3 1/2 MIX - CEMENT TO SAND
TO COARSE AGGREGATE 7 1/2 GAL. WATER/
SACK, f'c = 2,000 p.s.i.
2. ALL FOOTING CONCRETE TO BE PLACED
AGAINST UNDISTURBED EARTH.
3. BACK FILLING OF WALL MAY NOT BE COM-
MENCED FOR 7 DAYS AFTER GROUTING.
4. GROUT:1 PART PORTLAND CEMENT AND 3
PARTS SAND, TO WHICH MAY BE ADDED NOT
MORE THAN 1/10 LIME. PEAGRAVEL MAY
BE USED IN QUANTITIES NOT EXCEEDING 2
PARTS PER VOLUME OF CEMENT USED.
5. MASONRY UNITS SHALL BE GRADE N UNITS
CONFORMING TO THE ASTM C90-86 SPECS.
6. MORTAR SHALL BE MIXED IN A RATIO OF 1
PART CEMENT, 1/4 PART LIME PUTTY AND
3 1/2 PARTS SAND.
7. REINFORCING STEEL SHALL CONFORM TO
ASTM SPECIFICATION A615.
8. ALL CELLS TO BE GROUTED.

CITY OF TORRANCE

DEPARTMENT OF BUILDING AND SAFETY